120 QC5- Inspect part completeness to step on W/O 0.00

120
QC Memo 0.00

Quality Control

Hand Finishing

13/07/17

NCR: Y	'es	/ No				WORK ORDER NON-C	10 :	NFORI	MANCE / UP	DATE			
											QA Closed:	Date	:
Work Orde	er:					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part No.						Rework Scrap Use-as-is	Skid-tube Crosstube Small Fab Thermoforming Finishing			4	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other	
NCR N	lo.					Work Order Update		mem	Large Fab	Composite	necy stor	Supplier	
Root					Descri	ption of work order update	I	nitial	Ac	tion	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data	[ļ		•				•			
Equip/Tooling													
Operator													
Material							l				<u> </u>	i	
Setup	_				i ·								
Other					-	-	Ì						
Process													
Supplier			ļ										
Training													
Unapproved			<u> </u>	<u> </u>	<u> </u>	-	<u> </u>	TCATE	CODY		1	<u> </u>	,
4:							AUL	T CATE	GURY				
Landi		Bending				General Bend		Grain			Ovalized		Pressure/Forced
	Н	Centre No	at Canca	ntric to	~ -	BOM/Route	\vdash	Hardwa	aro.	 	Over/Under	tolerance	Temperature/Cure
	\vdash	Cracks	or Conce	iitiic to	^{0/3} -	Broken/Damaged	\vdash	i	ion Incomplete	<u> </u>	Part Incorre	-	Weld
		Crushed/	Crimpad			Burrs	\vdash	1	tions Incomplete/	Linclear	Part Lost/M	-	Wrong Stock Pulled
!		Cuffs	Crimped		-	Contamination	\vdash	Mainte		Officieal	Part Moved	133111B	
•		Heat Trea	nt		-	Countersink	-	Mislabe		<u> </u>	Positioned V	Vrong	
	\vdash	Inspectio		Tube	<u> </u>	Cut Too Short	\vdash	Misrea		<u> </u>	Power Loss/	_	Other
	\vdash	Ripples in			<u> </u>	Drill Holes		Offset	-]. 5.1.5. 5000)		1
	\vdash	Torque W		Extrusio	_n –	Drawing		-	Calibration				· ·
		Turning S				Finish		4	Sequence				

Outside Dimensions

DQA:

Date:

Wave/Twist in Tube

Folio

101688

Page 2

May-13-13 1:11:51 PM

Required Date: 5/30/13

Item ID:

D2976

5/13/13

Accept

N900040100

Setup

Revision ID:

Item Name:

Start Date:

BO 105 Skidtube I Beam

Start Qty: 1.00

Req'd Qty: 1.00

1

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date: Date: Run

Stop

Sequence ID/ Work Center ID

130

Description

QC:

Operation

Identify as per dwg & Stock Location:

Date:

Set Up/ **Run Hours** 0.00

SPC (Y/N):

Tool#

Plan Accept Qty Code

Reject Qty

Reject

Insp. Number Stamp

130

Packaging

Memo

0.00

Tool ID

13/07/17

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

Quality Control

QC;

Memo

0.00

MUJ 13-07-17

											DQA:	Date	:
NCR: Y	es ,	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UPDATE				
											QA Closed:	Date	:
Work Orde	ař.					DISPOSITION			AGA	INST DE	PARTMENT	/PROCESS	
Work Orde	-'' —					Rework	7		Skid-tube Cross	tube		Water Jet	Engineering
Part N	۷o.					Scrap	1	•	Machining Small		Pro	d. Eng. Coor.	Quality
						Use-as-is	1	Thern	noforming Finis	hing	Rec/Sto	re/Packaging	Other
NCR N	No					Work Order Update]		Large Fab Compo	osite		Supplier	
							_	<u> </u>					<u> </u>
Root						ption of work order update		Initial	Action		Sign &		
Cause		Date	Step	Qty		or Non-conformance	Cr	nief Eng	Description		Date	Verification	QC Inspector
Doc/Data		:											
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Other			ł										
Process	Ш		1	ļ 1							ļ		
Supplier	Н												
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Unapproved			<u> </u>	L	<u> </u>			T CATE	CORV		<u> </u>	<u> </u>	<u> </u>
<u> </u>							AUI	LT CATE	GUKY				
Landi						General Bend		Grain			Ovalized	Г	Pressure/Forced
	-	ending			o.,		\vdash	-		-	4	+=1=====	⊣
	\vdash		ot Concei	ntric to	U/\$ -	BOM/Route	-	Hardwa		-	Over/Under	-	Temperature/Cure
	\mathbf{H}	cracks	<u> </u>		-	Broken/Damaged	\vdash	-1	ion Incomplete		Part Incorre	 	Weld
			Crimped		_	Burrs	\vdash	-1	tions Incomplete/Unclear		Part Lost/M		Wrong Stock Pulled
	\vdash	Cuffs			-	Contamination	\vdash	Mainte		-	Part Moved		
i	1 1	leat Trea	at			lCountersink	1	Mislabe	eled	1	Positioned V	Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

Folio

May-13-13 1:11:51 PM

Work Order ID:

101688

Parent Item:

D2976

Parent Item Name:

BO 105 Skidtube I Beam

Start Date: 5/13/13

Required Date: 5/30/13

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP C02.10.30Re-formatKJ

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2963-084		Manufactured	No			110	Each	74.0000	1	1			
Extrusion									~==-		***		
				Location		Loc Oty	Lo	c Code					

1307.5

W

											DQA:	Date:	
NCR: Y	es/	/ No				WORK ORDER NON-	COI	NFORM	/ANCE / UP	DATE			
											QA Closed:	Date:	
Work Orde	er:					DISPOSITION				AGAINST DE	PARTMENT,	/PROCESS	
Part No.						Rework Scrap Use-as-is			Skid-tube Crosstube Machining Small Fab Thermoforming Finishing			Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other
NCR No.						Work Order Update				11.00,0101	Supplier		
Root					Descri	ption of work order update	T	Initial	Ac	tion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ct	nief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling				,									
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Material													
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Other													
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Supplier							-		1				
Training													
Unapproved			ļ				1						
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Landi	ng G	iear				General					_		
		Bending				Bend		Grain			Ovalized		Pressure/Forced
:		Centre No	ot Conce	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks			[Broken/Damaged		Inspecti	ion Incomplete		Part Incorre	ct	Weld
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete/	/Unclear	Part Lost/Mi	issing	Wrong Stock Pulled
	П	Cuffs				Contamination		Mainte	nance		Part Moved		•
		Heat Trea	ıt			Countersink		Mislabe	eled		Positioned V	Vrong	
		Inspection	n Strip in	Tube		Cut Too Short		Misread	t		Power Loss/		Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

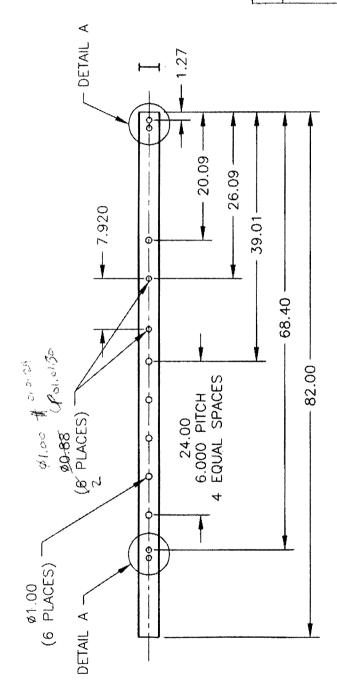
Folio

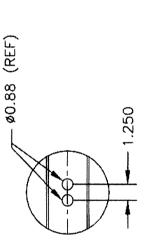




DESIG	ŘŦ.	DRAWN BY	DART AEROSPACE USA, BELLEVUE, WA	INC.
CHECK	ED	APPROVED	DRAWING NO.	REV. A
7		A	D2976 SHE	ET 1 OF 1
DATE		<u>.</u>	TITLE	SCALE
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Α		00.03.14	NEW ISSUE	
Aı		01.01.29	OPEN GROUND HANDLING HOLES TO \$1.00	2

RELEASED OO.OST. 1





10/688 MG MAKE FROM D2963-084 EXTRUSION FINISH: ACID ETCH, ALODINE PER DART QSI 005 4.1 TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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